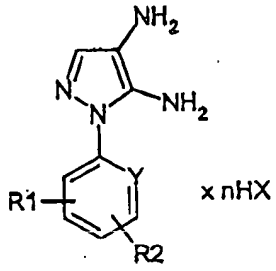
CLAIMS

1. N-Aryl-4,5-diaminopyrazole of formula (I) or a physiologically compatible salt thereof of an organic or inorganic acid



(I)

wherein
R1 and **R2** independently of each other denote a hydrogen atom, a straight-chain or branched C_1-C_6-alkyl group, a hydroxyl group, a straight-chain or branched C_1-C_6-monohydroxyalkyl group, a straight-chain or branched C_3-C_6-dihydroxyalkyl group, a straight-chain or branched C_1-C_6-alkoxy group, a straight-chain or branched C_1-C_6-hydroxyalkoxy group, a straight-chain or branched C_3-C_6-dihydroxyalkoxy group, an amino group, a C_1-C_4-monoalkylamino group, a di(C_1-C_4)-alkylamino group, a C_1-C_4-aminoalkyl group, a halogen atom , a difluoromethyl group or a trifluoromethyl group;
Y stands for a nitrogen atom, or a C-**R3** group, wherein C is a carbon atom of the aromatic ring and **R3** is a hydrogen atom, a halogen atom, a straight-chain or branched C_1-C_6-alkyl group, a straight-chain or branched C_1-C_6-hydroxyalkyl group, a straight-chain or branched C_1-C_6-alkoxy group, a straight-chain or branched C_2-C_6-hydroxyalkoxy group or a straight-chain or branched C_2-C_6-alkoxyalkoxy group;
X denotes an acid radical and **n** has a value from 0 to 3;
provided that when **Y** stands for a C-R3 group, at least one of the **R1**, **R2** and **R3** groups is different from hydrogen.

2. N-Aryl-4,5-diaminopyrazole according to Claim 1, characterized in that in formula (I) **R1** and **R2** independently of each other denote hydrogen, a methyl group, an ethyl group, an isopropyl group, an amino group or a methoxy group; and **Y** stands for a C-H group, a C-Cl group, a C-methyl group or a C-ethyl group and, in particular, a nitrogen atom, and when Y stands for a C-H group at least one of the **R1** and **R2** groups does not denote hydrogen.

3. N-Aryl-4,5-diaminopyrazole according to Claim 1 or 2, characterized in that it is a salt of sulfuric acid, hydrochloric acid, citric acid or tartaric acid.

4. N-Aryl-4,5-diaminopyrazole according to one of Claims 1 to 3, characterized in that it is selected from among 1-(2-methylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(3-methylphenyl)-4,5-

diamino-1H-pyrazole dihydrochloride, 1-(4-methylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(2,4-dimethylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(2,5-dimethylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(2-ethylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(4-isopropylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(4-methoxylphenyl)-4,5-diamino-1H-pyrazole dihydrochloride, 1-(4-aminophenyl)-4,5-diamino-1H-pyrazole sulfate (1:1), 1-(4-chlorophenyl)-4,5-diamino-1H-pyrazole sulfate (2:1) and 1-(2-pyridinyl)-4,5-diamino-1H-pyrazole dihydrochloride.

5. Colorant for oxidative dyeing of keratin fibers, characterized in that it contains at least one N-aryl-4,5-diaminopyrazole according to one of Claims 1 to 4.

6. Colorant according to Claim 5, characterized in that it contains the N-aryl-4,5-diaminopyrazole in an amount from 0.005 to 20 weight percent.

7. Colorant according to Claim 5 or 6, characterized in that additionally it contains other dye components from the group consisting of developers, couplers, 4-(2,5-diaminobenzylamino)aniline, 3-(2,5-diaminobenzylamino)aniline, natural dyes, dyes identical to natural ones and synthetic direct dyes.

8. Ready-for-use colorant for oxidative dyeing of keratin fibers, characterized in that it is obtained by mixing a colorant according to one of Claims 5 to 7 with an oxidant in a weight ratio from 5:1 to 1:3.

9. Colorant according to Claim 8, characterized in that the ready-for-use oxidative colorant has a pH from 3 to 11.

10. Colorant according to one of Claims 5 to 9, characterized in that it is a hair colorant.